SIEMENS

MOBILETT Plus M/ -HP

SP

Service

Repair Instructions

Replacement of the transmission belt and belt tension adjustment

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General

This document describes how to replace the transmission belt and adjust the tension of the belt with a special adjustment device.

Tools required

- Standard service equipment
- Special adjustment device for the transmission belt tension, part No. 65 64 301 X037E

Time required

Approximately 1 hour / 1 person.

Components included

The kit with part No. 65 64 251 contains the following parts:

Article	Quantity	Part No.
Transmission belt	1	65 64 251
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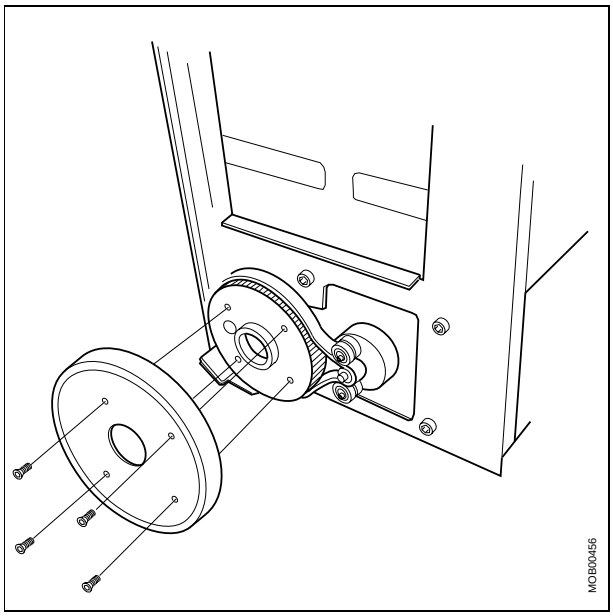

Fig. 1

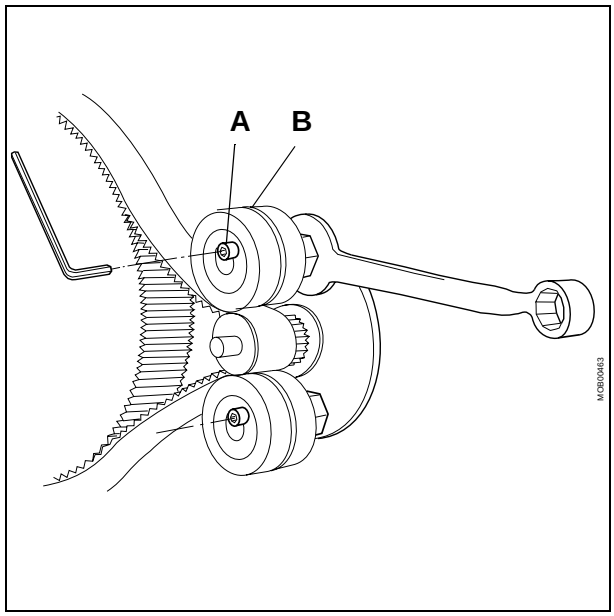

Fig. 2

Replacement of the transmission belt and belt tension adjustment

NOTICE	**Under normal circumstances, the belt drive does not require any adjustments for the entire lifetime of the unit.**

Belt replacement

- Remove the side covers.
- Tilt the unit and support the relevant side with a piece of wood.
- To prevent the other wheel from turning, secure it with a pair of wedges.
  Do not use the parking brake.
- Remove the wheel according to (Fig. 1).
- Loosen the 2 screws (**A**/Fig. 2).
- Loosen the tension bearings (**B**/Fig. 2) with a 13 mm wrench.
- Remove the belt.
- Install the new belt.
- Tighten the tension bearings (**B**/Fig. 2) and the screws (**A**/Fig. 2).
- Rotate the large toothed wheel by hand and check for smooth operation and that the belt is aligned over the toothed wheels.
- Adjust the tension according to "Tension adjustment".

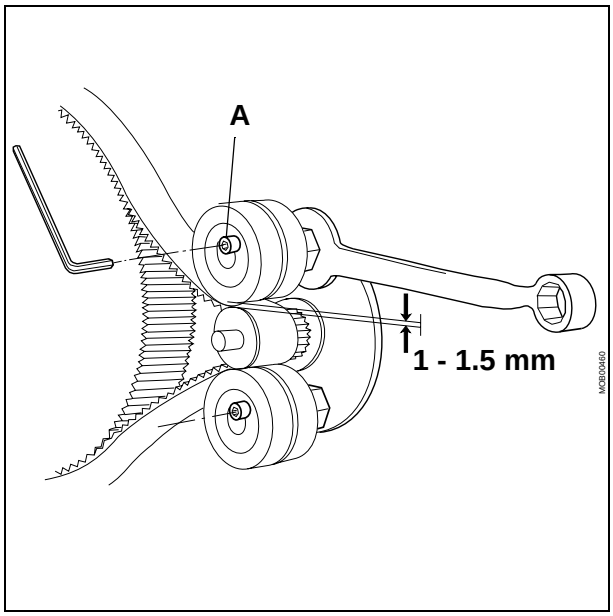

Fig. 3

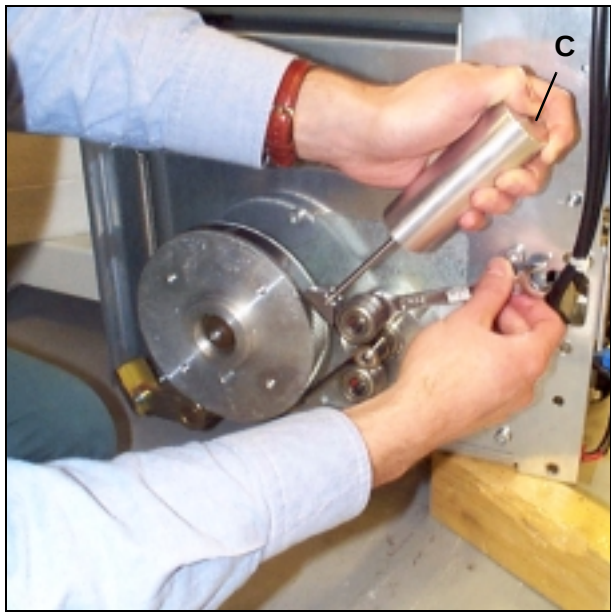

Fig. 4

Tension adjustment

- Loosen the screws (**A**/Fig. 3). The tension of the transmission belt can then be adjusted with a 13 mm wrench.
- Press the special adjustment device to the transmission belt and hold a finger on top of it. When the button (**C**/Fig. 4) is in the same level as the top of the adjustment device a proper pressure is applied.

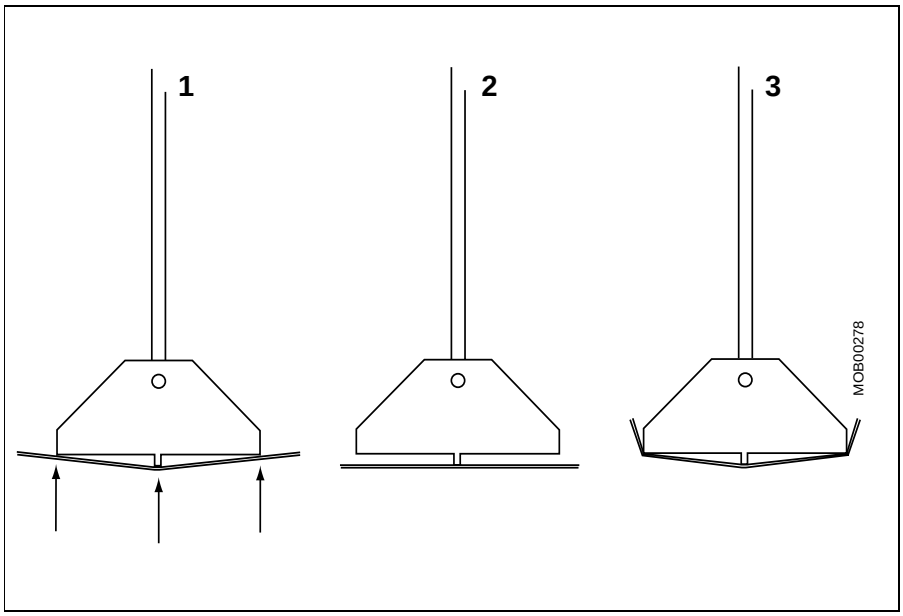

Fig. 5

- With the wrench, adjust the tension of the transmission belt equally on the two tension bearings to a minimum distance of 1-1.5 mm between the bearing and the washer (Fig. 3). The tension of the transmission belt is right when the adjustment device and the belt are in contact in exactly three points (**1**/Fig. 5).
  In (**2**/Fig. 5) the belt is too tight and in (**3**/Fig. 5) the belt is too slack.
- Tighten the screws (**A**/Fig. 3).
- Remount the wheel.
- Fit the covers.

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